

ABSTRACT

A monitoring device and method is disclosed for monitoring the saturation level of resin in solvent baths, such as those used to remove resin from objects form by stereolithography.

5 The monitoring device operates by monitoring an electrical characteristic, such as impedance, of the solvent bath as the resin-to-solvent ratio of the bath increases during use.

Signals are provided by the monitoring device to the operator of the liquid storage device containing the solvent bath in a

10 manner allowing the operator to determine when the solvent bath has reached the end of its useful life.